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CERT. NO. 217910

MODEL 2005 A MULTIGAS PERSONAL SAFETY MONITOR

THE INSTRUMENT

The SERIES 2005 is a microprocessor based, handheld, convenient & portable multigas monitor designed for the monitoring of four gases % OXYGEN, ppm CARBONMONOXIDE, ppm HYDROGEN SULPHIDE & % LEL of a COMBUSTIBLE GAS. It is fitted with highly reliable and reputed electrochemical sensors. These sensors are mounted in diffusion mode. The instrument works on disposable dry batteries. Optionally a rechargeable battery can be provided. The instrument is capable of SAMPLING, VIEWING and DATALOGGING of INSTANTANEOUS VALUE, STEL AND TWA readings. Logged data can be downloaded to a computer for printing or storage along with the date and time of the readings. Two Alarms, both audible and visual are provided.



UNIQUE FEATURES

- Sensors mounted in diffusion mode.
- Realtime data logging
- Viewing of Peak & Excursion values
- 16 X 2 alphanumeric display with backlight.
- Two alarms both audio and visual
- Combustible gas selection is programmable
- Combustible gas displayed as % LEL or % V/V

APPLICATIONS

All concerned are aware of the need for environmental monitoring in the workplace atmosphere especially where pollutants or toxic gases are encountered. Levels of concentration of toxic gases above the Occupational Exposure Limit lead to problems of health and safety of personnel. Oxygen deficiency and combustible gases could also lead to safety hazards.

STANDARD SPECIFICATION

Display	16 X 2 Alphanumeric backlit wide-angle viewing. Contrast programmable.
Alarms	Two Alarms per gas, both audible and visual, user settable through the range. Low-Battery Alarm
Power	6 Nos 1.5 V AA cells,
Datalogger	Instantaneous, STEL, TWA readings stored. Excursion & peak readings also.

TECHNOVATION® SERIES 2005 RELIABLE & COST EFFECTIVE

Gas Measuring ranges

Oxygen	0-25 % with 0.1 % steps
Carbon-monoxide	0-1000 ppm with 1 ppm steps
Hydrogen Sulphide	0-100 ppm with 0.1 ppm steps
Combustible Gas	0-100 % LEL with 1 % LEL steps
Accuracy	5 %
Principle	O ₂ , CO, H ₂ S by E.C sensor % LEL by Catalytic bead pellistor
Sensor life	Two years expected
Relative Humidity	5 - 95 % RH non-Condensing
Weight	400 gms approximately
Size	150 X 100 X 50 mm
Case	Robust ABS with beltclip
Calibration by	Certified Gas or sensor O/P
Sampling	Diffusion mode
Low Battery	Indication provided
Accessories	Carrying case , flow thru cap, tubing & user manual.

OPTIONS

- Less than four gases.
- % CO₂ in lieu of combustible.
- Other gases on request.

OPTIONAL EXTRA

- Rechargeable Battery with battery-charger
- Communication RS – 232 to P.C